

**§ 186.1797 Sodium sulfate.**

(a) Sodium sulfate (Na<sub>2</sub>SO<sub>4</sub>, CAS Reg. No. 7757-82-6), also known as Glauber's salt, occurs naturally and exists as colorless crystals or as a fine, white crystalline powder. It is prepared by the neutralization of sulfuric acid with sodium hydroxide.

(b) The ingredient is used as a constituent of paper and paperboard used for food packaging, and cotton and cotton fabric used for dry food packaging.

(c) The ingredient is used at levels not to exceed good manufacturing practice in accordance with § 186.1(b)(1).

(d) Prior sanctions for this ingredient different from the uses established in this section do not exist or have been waived.

[45 FR 6086, Jan. 25, 1980]

**§ 186.1839 Sorbose.**

(a) Sorbose (L-sorbose, sorbinose) (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>, CAS Reg. No. 87-79-6) is an orthorhombic, bisphenoidal crystalline ketohexose. It was originally identified in the juice of mature berries from the mountain ash (*Sorbus aucuparia*) where it occurs as the result of microbial oxidation of sorbitol. It also occurs naturally in other plants. Sorbose can be synthesized by the catalytic hydrogenation of glucose to D-sorbitol. The resulting sorbitol can be oxidized by *Acetobacter xylinum* or by *Acetobacter suboxydans*.

(b) The ingredient is used or intended for indirect food use as a constituent of cotton, cotton fabrics, paper, and paperboard in contact with dry food.

(c) The ingredient migrates to food at levels not to exceed good manufacturing practice.

(d) Prior sanctions for this ingredient different from the uses established in this section do not exist or have been waived.

[43 FR 11698, Mar. 21, 1978, as amended at 48 FR 48457, Oct. 19, 1983]

**PART 189—SUBSTANCES PROHIBITED FROM USE IN HUMAN FOOD****Subpart A—General Provisions**

Sec.

189.1 Substances prohibited from use in human food.

**Subpart B—Prohibited cattle materials**

189.5 Prohibited cattle materials.

**Subpart C—Substances Generally Prohibited From Direct Addition or Use as Human Food**

189.110 Calamus and its derivatives.  
 189.113 Cinnamyl anthranilate.  
 189.120 Cobaltous salts and its derivatives.  
 189.130 Coumarin.  
 189.135 Cyclamate and its derivatives.  
 189.140 Diethylpyrocabonate (DEPC).  
 189.145 Dulcin.  
 189.155 Monochloroacetic acid.  
 189.165 Nordihydroguaiaretic acid (NDGA).  
 189.175 P-4000.  
 189.180 Safrole.  
 189.190 Thiourea.  
 189.191 Chlorofluorocarbon propellants.

**Subpart D—Substances Prohibited From Indirect Addition to Human Food Through Food-Contact Surfaces**

189.220 Flectol H.  
 189.240 Lead solders.  
 189.250 Mercaptoimidazoline and 2-mercaptoimidazoline.  
 189.280 4,4'-Methylenebis (2-chloroaniline).  
 189.300 Hydrogenated 4,4'-isopropylidene-diphenolphosphite ester resins.  
 189.301 Tin-coated lead foil capsules for wine bottles.

AUTHORITY: 21 U.S.C. 321, 342, 348, 371, 381.

SOURCE: 42 FR 14659, Mar. 15, 1977, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 189 appear at 61 FR 14482, Apr. 2, 1996, 66 FR 56035, Nov. 6, 2001, 70 FR 40880, July 15, 2005, and 70 FR 67651, Nov. 8, 2005.

**Subpart A—General Provisions****§ 189.1 Substances prohibited from use in human food.**

(a) The food ingredients listed in this section have been prohibited from use in human food by the Food and Drug Administration because of a determination that they present a potential risk to the public health or have not